

IEEE P4006 Working Group Meeting #14  
 Meeting Minutes  
 07 November 2023  
 WG Chair: Roger Oliva  
 WG Secretary: Priscilla Mohammed

1. Call to Order:
  - a. *The chair called to order at 9:00 (EDT) and welcomes everybody to the online meeting.*
2. Roll Call and Affiliation
  - a. The WG chair performed a roll call. Participants provided their attendance and affiliation via the Webex chat.
  - b. There was a total of 13 participants in attendance.

Meeting participants:

Roger Oliva (Zenithal Blue technologies / IEEE)	Priscilla Mohammed (Morgan State University)
Jia Su, Northwestern Polytechnical University	SiriJodha Khalsa, University of Colorado, Boulder
Ryo Natsuaki (The University of Tokyo)	Mingliang Tao (Northwestern Polytechnical University)
Raúl Díez-García (Telespazio UK/ESA)	Deepak Kumar (Amity University Uttar Pradesh)
Dazhen Gu (NIST)	Adriano Camps Universitat Politecnica de Catalunya
Nairit BARKATAKI (Gauhati University)	Beau Backus JHU APL supporting NOAA
Adrian Perez-Portero (Universitat Politecnica de Catalunya)	

- c. *Quorum was established.*
3. Approval of agenda
  - a. *The agenda was reviewed and approved.*
4. Approval of previous meeting minutes
  - a. *The minutes of the past meeting was approved.*
5. IEEE Patent Policy
  - a. *WG Chair presented the IEEE slides and made a call for potentially essential patents; no one raised concerns for consideration.*
  - b. *WG Chair presented the copyright policy as well. There was no question or comment.*
6. Technical Discussion
  - a. *Section 5.2.3 of the document was discussed.*

- i. *It was suggested to add power density maps with a recommended threshold. Adding the CDF of RFI either in power or Kelvin was also proposed.*
- ii. *It was agreed that the term RFI geolocation should be changed as it implies finding RFI on the ground. Actual RFI geolocation can be an outcome but not necessarily a goal as location of sources would be good for reporting.*
- iii. *It was advocated that some text be written to justify the time selection (most likely monthly) for the RFI probability maps with a standard grid. A coarse grid would make sense since different instruments would have various resolutions.*
- iv. *In the next “active power” was changed to “ISR (interference to signal ratio)”*
- v. *The text was re-read, and changes approved*
- vi. *A few comments on the text will be discussed at the next meeting*

7. Unfinished Business

- a. *None*

8. New Business

- a. *None*

9. Next meeting--date and location

- a. *The WG Chair proposed to hold the next WG meeting on December 5, 2023, at 9 to 10:30 EDT). It will focus on sections 5.2.3 for both passive and active.*

10. Adjournment

- a. *The WG Chair adjourned the meeting at 10:30 (EST).*
- b. *Minutes submitted by: Priscilla Mohammed, WG secretaire.*